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OCT 10 2006

Atty Docket No. 16869K-103300US

PTO FAX NO.: 1-571-273-8300

ATTENTION: Examiner Lev Iwashko

Group Art Unit 2186

**OFFICIAL COMMUNICATION**  
**FOR THE PERSONAL ATTENTION OF**  
**EXAMINER Lev Iwashko**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

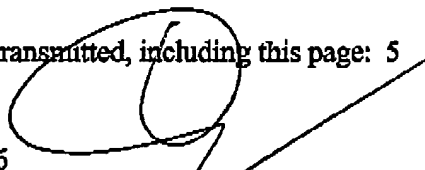
I hereby certify that the following documents in re Application of Yutaka TAKATA, et al., Application No. 10/757,957, filed January 13, 2004 for METHOD OF CONTROLLING STORAGE DEVICE CONTROLLING APPARATUS, AND STORAGE DEVICE CONTROLLING APPARATUS are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

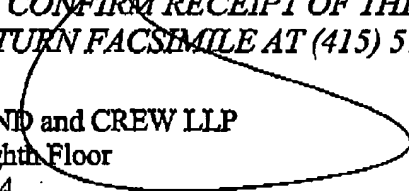
1. Transmittal Form
2. Communication
3. Copy of Patent Abstract for Publication No. 2004-227099

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Dated: October 10, 2006

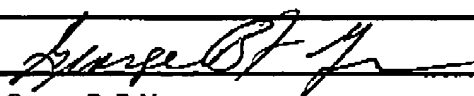
  
Cynthia McKinley

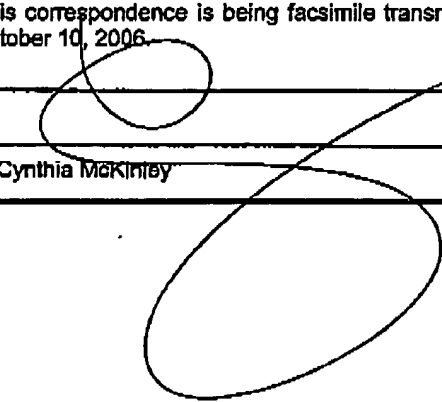
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60888376 v1

PTO/SB/21 (07-08)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/757,957	<b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>OCT 10 2006</b>
	Filing Date	January 13, 2004	
	First Named Inventor	TAKATA, Yutaka	
	Art Unit	2186	
	Examiner Name	Lev Iwashko	
	Attorney Docket Number	16869K-103300US	
Total Number of Pages in This Submission		4	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Communication Patent Abstract for publication no. 2004-227099 Return Postcard
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Townsend and Townsend and Crew LLP	
Signature		
Printed name	George B. F. Yee	
Date	October 10, 2006	Reg. No. 37,478

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
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PATENT  
Docket No.: 16869K-103300US  
Client Ref. No.: 639/SM/mt

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Yutaka TAKATA, et al.

Application No.: 10/757,957

Filed: January 13, 2004

For: METHOD OF CONTROLLING  
STORAGE DEVICE CONTROLLING  
APPARATUS, AND STORAGE  
DEVICE CONTROLLING APPARATUS

Confirmation No.: 5049

Examiner: Lev Iwashko

Art Unit: 2186

COMMUNICATION

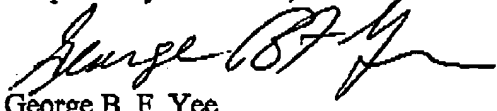
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A Notice of Allowance was mailed September 12, 2006 for the application identified above. A review of the notice revealed a comment made by the examiner to the effect that "Translation of abstract of Foreign Priority" was not received.

Submitted herewith is an English abstract of the priority document JP2003-011594.

Respectfully submitted,

  
George B. F. Yee  
Reg. No. 37,478

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## PATENT ABSTRACTS OF JAPAN

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(51)Int. Cl.

G06F 3/06

G06F 12/00

G06F 13/10

(21)Application number : 2003-011594

(71)Applicant : HITACHI LTD

(22)Date of filing : 20.01.2003

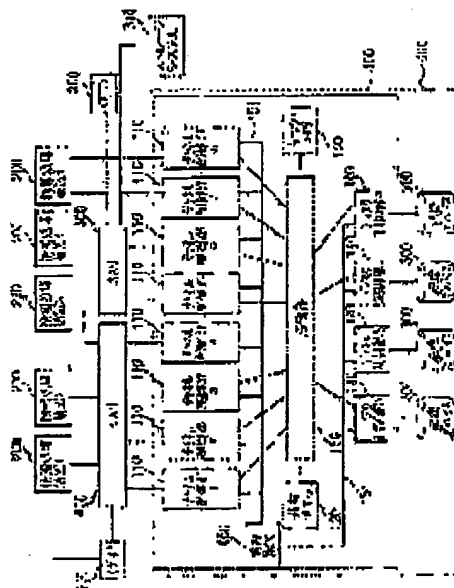
(72)Inventor : TAKADA YUTAKA  
NAKAYAMA SHINICHI  
OGASAWARA YUTAKA  
SHIKAWA JINICHI  
SAIGA NOBUYUKI

(54) CONTROL METHOD OF STORAGE DEVICE CONTROLLER AND STORAGE DEVICE CONTROLLER

(57)Abstract:

PROBLEM TO BE SOLVED: To perform a processing for writing a duplicate of data also to a second logical volume in a storage device control part including a file access processing part, a channel control part and a disk control part.

SOLUTION: This storage device controller comprises a plurality of channel control parts having a circuit board on which the file access processing part for receiving a data input/output request of file unit from an information processor and an I/O processor for outputting an I/O request corresponding to the data input/output request to a storage device are formed; and the disk control part for executing the data input/output to the storage device according to the I/O request transmitted from the I/O processor. The disk control part executes a duplicate management processing for writing, when data are written in a first logical volume, the data also to the second logical volume in order to store the duplicate of the data also in the second logical volume.



LEGAL STATUS

[Date of request for examination] 09.12.2005

[Date of sending the examiner's decision  
of rejection]

[Kind of final disposal of application  
other than the examiner's decision of  
rejection or application converted  
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]